

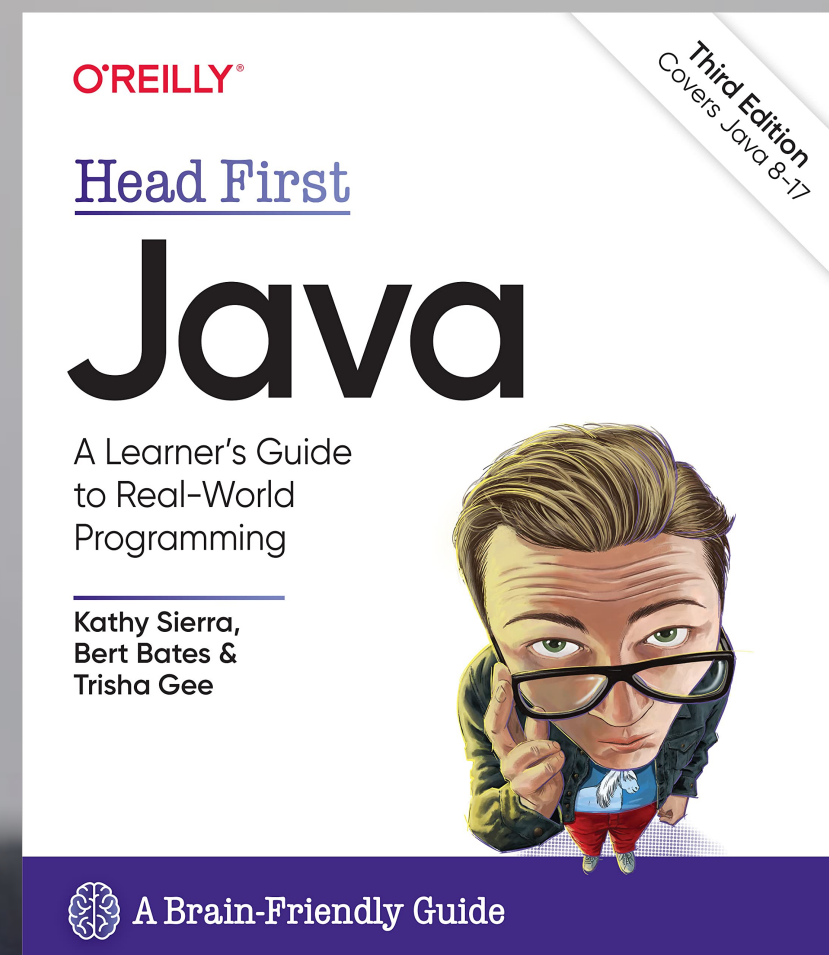
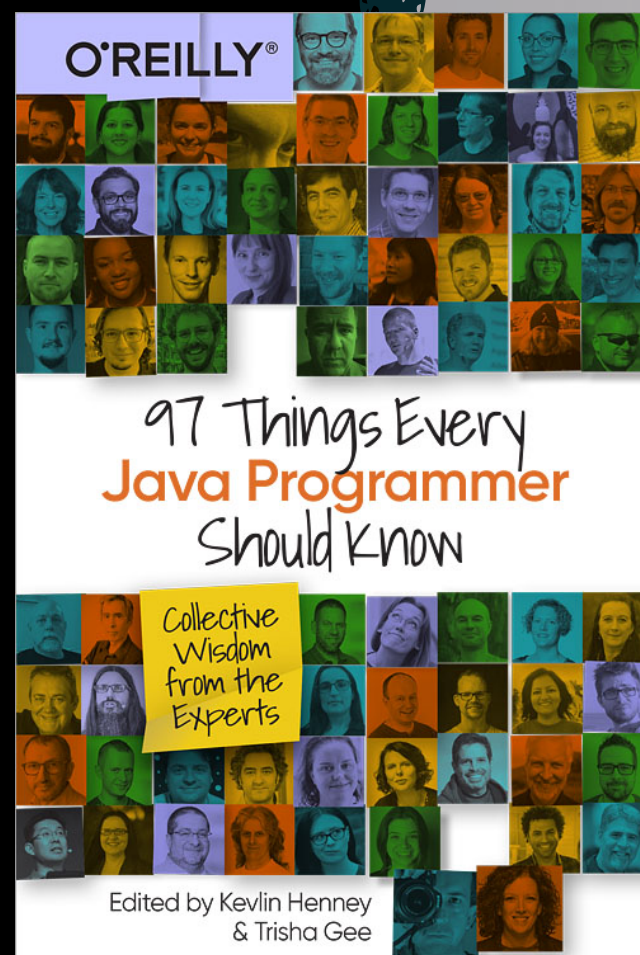
The background is a solid black field decorated with various abstract, rounded geometric shapes in vibrant colors. These include large shapes in shades of blue, red, purple, and white, as well as smaller, more numerous shapes in orange and dark blue. The shapes are scattered across the frame, creating a dynamic and modern aesthetic.

Developer Productivity with IntelliJ IDEA

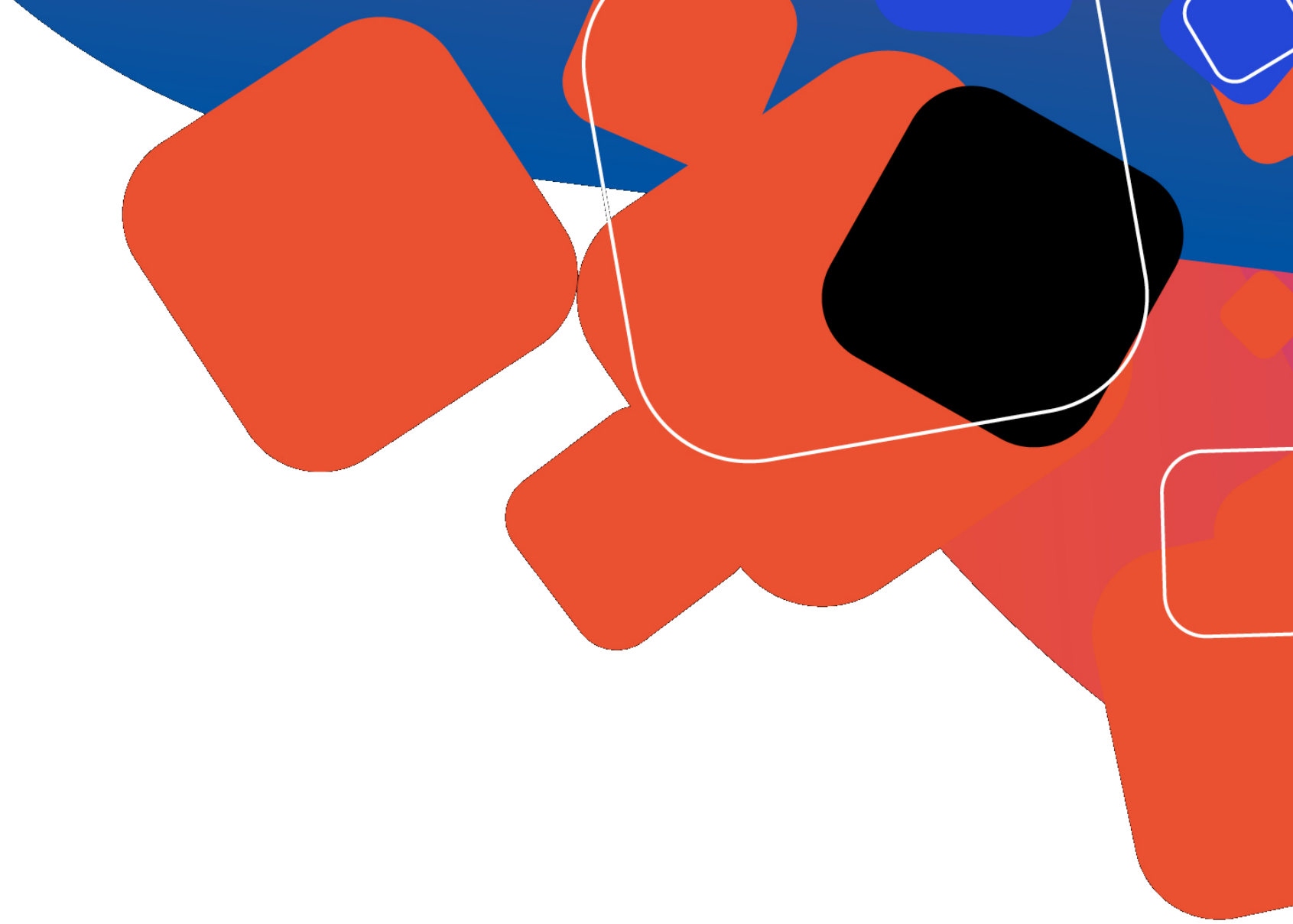
Trisha Gee
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Trisha Gee

- Lead Developer Advocate
- Java Champion & JetBrains Community Contributor
- 20+ years development experience
- Author



Hello World



But Was I Productive?



Productivity Guide

IntelliJ IDEA uptime: 34 sec, 43 ms, idle time: 7 sec, 651 ms
Code completion has saved you from typing at least 17.1K characters since 02/07/2021 (~141 per working day)
Quick-fixes have saved you from 722 possible bugs since 01/07/2021 (~6 per working day)

Feature	Group	Used ▾	Last Used
Editor delete line	Code Editing	8,266 times	one month ago
Recent files popup	Navigation	2,090 times	2 weeks ago
Basic code completion	Code Completion	1,866 times	one month ago
Open Project tool window	UI Usability Features	1,707 times	one month ago
Find	Navigation	1,317 times	one month ago
Find in files	Navigation	1,186 times	one month ago
Context actions	Code Assistants	890 times	one month ago
Go to file	Navigation	869 times	one month ago

Code Completion

Code Completion helps you quickly complete code statements. It automatically provides a list of suggestions available from the current caret position as you type:

```
private static Square createSquare() {  
    return new s  
}
```

⌕ Square (com.jetbrains.completion.CodeCompletion)

📄 Shape com.jetbrains.completion.CodeCompletion

⌕ String java.lang

⌕ SqlQueryCompletion com.jetbrains.completion

⌕ Short java.lang

Press ^Space to see non-imported classes [Next Tip](#)



Close

AI

AI Assistant



I'm an AI assistant, and I'm unable to directly create an IntelliJ IDEA project. However, I can guide you on how to create it. Here are the steps:

1. Launch IntelliJ IDEA.
2. Click on "Create New Project" on the welcome screen. If you've opened a project already, you can choose "File > New > Project" from the menu.
3. On the New Project screen that appears, Select "Java" in the Project SDK section.
4. Choose the "Project template" as "Create project from template" (if you want to create a project with a basic structure).
5. Click on "Next".
6. Provide your project details:
 - Name: Provide a name for your project, for example "HelloWorld".
 - Location: Select the directory where you'd like to create this project.
 - Base Package: Enter "com.mechanitis.demo.productivity".
7. Click on "Finish".

After your project is created, you can add the HelloWorld class as I described in the previous message.

Productivity



SPACE

Satisfaction & well-being

Performance

Activity

Communication & Collaboration

Efficiency & Flow



SPACE

Satisfaction & well-being

Performance

ACTIVITY

Communication & Collaboration

Efficiency & Flow



SPACE

SATISFACTION & WELL-BEING

Performance

Activity

Communication & Collaboration

EFFICIENCY & FLOW



SPACE

SATISFACTION & WELL-BEING

Performance

Activity

COMMUNICATION & COLLABORATION

EFFICIENCY & FLOW



Writing Code

Features Covered

- Suggestions/basic completion
- Live templates
- New...
- Alt+Enter
 - Generation
 - Editor suggestions
- Refactoring





Jason Gorman @jasongorman@mastodon.cloud

@jasongorman

I can't live without a decent set of automated refactorings. I'm lazy :-)

9:24 AM · Mar 1, 2024 · 6 Views



Ted M. Young @jitterted · Mar 1

Replying to @trisha_gee @intellijidea and @jetbrains
Automated Refactorings.



Apache Causeway @ApacheCauseway · Mar 1

Replying to @trisha_gee @intellijidea and @jetbrains
Refactorings. Don't be handicapped!



Charles Desneuf - @selrahcd@paille.fr @Selrahcd · Mar 1

Replying to @trisha_gee @intellijidea and @jetbrains
Refactoring! 🥰



Nigel James @njames · Mar 1

Replying to @trisha_gee @intellijidea and @jetbrains
Refactoring

More tips

- Smart completion
- Complete current statement
- Reshape code
- Join lines
- Multi caret



Understanding Code

Features Covered

- Navigation
- Recent files / locations
- Reading mode
- Quick definition
- Quick documentation
- Code folding





Tom Johnson

@tom_a_r_johnson

it allows me to treat my code as hypertext instead of text.

2:49 PM · Feb 29, 2024 · **12** Views



@constpetrov@mastodon.social @constpetrov · Mar 1

Replying to [@trisha_gee](#) [@intellijidea](#) and [@jetbrains](#)

Code navigation



NPException @NPException · Mar 1

...

Replying to [@trisha_gee](#) [@intellijidea](#) and [@jetbrains](#)

Ctrl+Click to immediately jump to definition or usages of a field/method



Adrian Rumpold @AdrianoKF · Mar 1

...

Replying to [@trisha_gee](#) [@intellijidea](#) and [@jetbrains](#)

Besides refactorings (just the best!), what really stands out for me is the ability to inject another language's syntax into a host language with full IDE support (e.g., SQL in a Java string, code snippets in Markdown docs).

Getting to Know IntelliJ IDEA

WORKING WITH CODE

IN  **IntelliJ IDEA**

BY TRISHA GEE & HELEN SCOTT



bitly

Debugging

Remove Friction

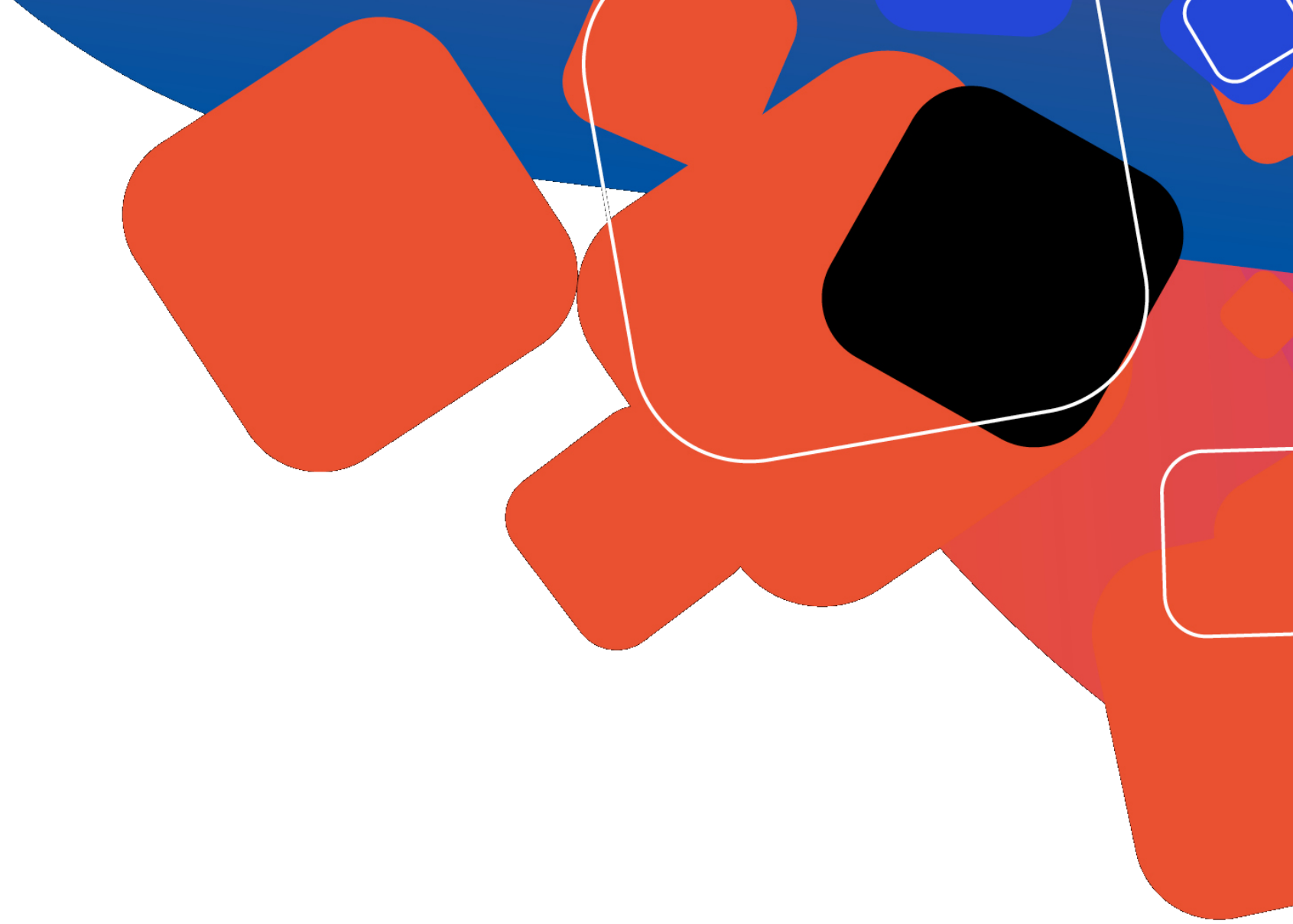
Collaboration



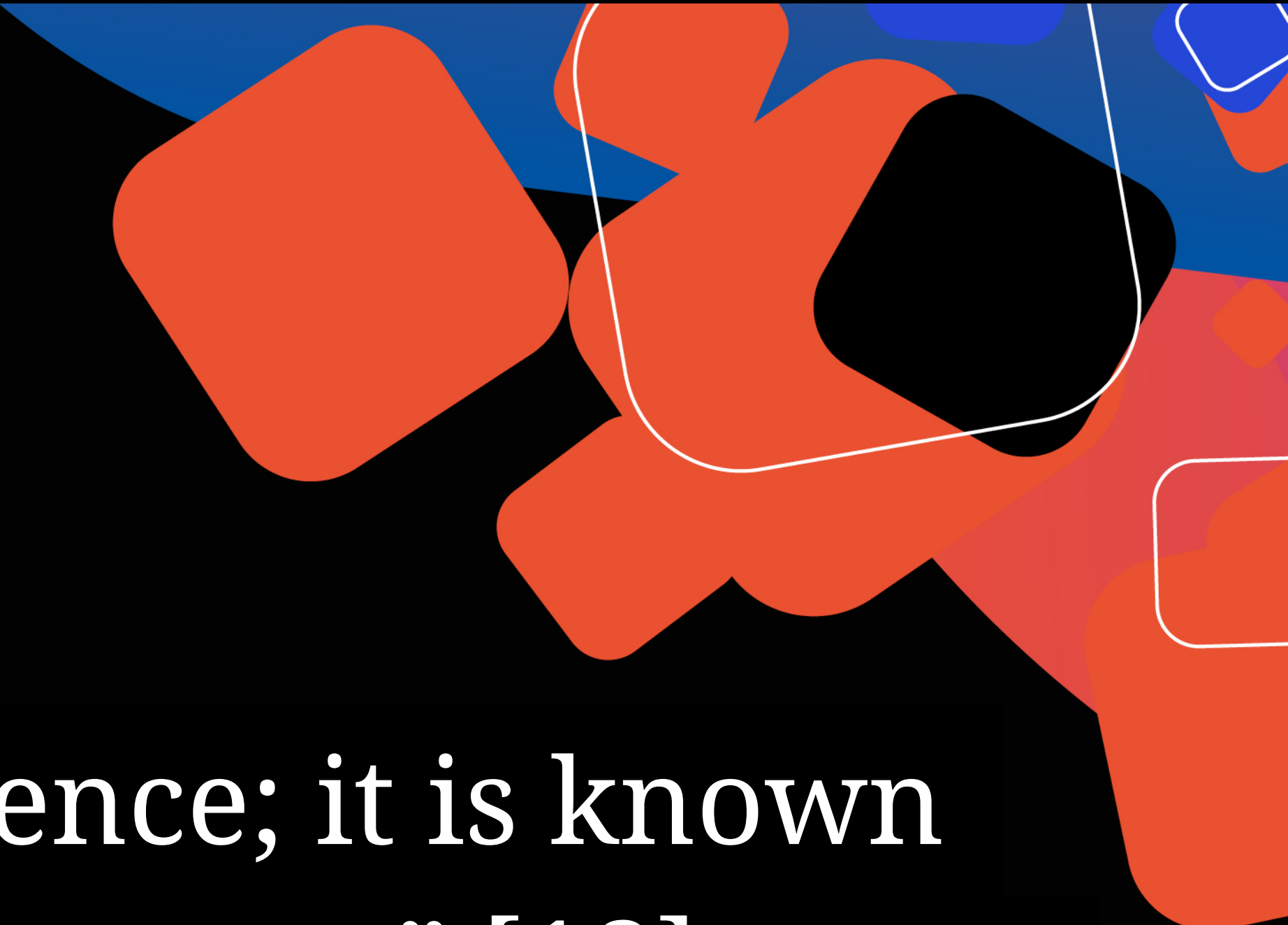
Learning

Put it all together = Flow



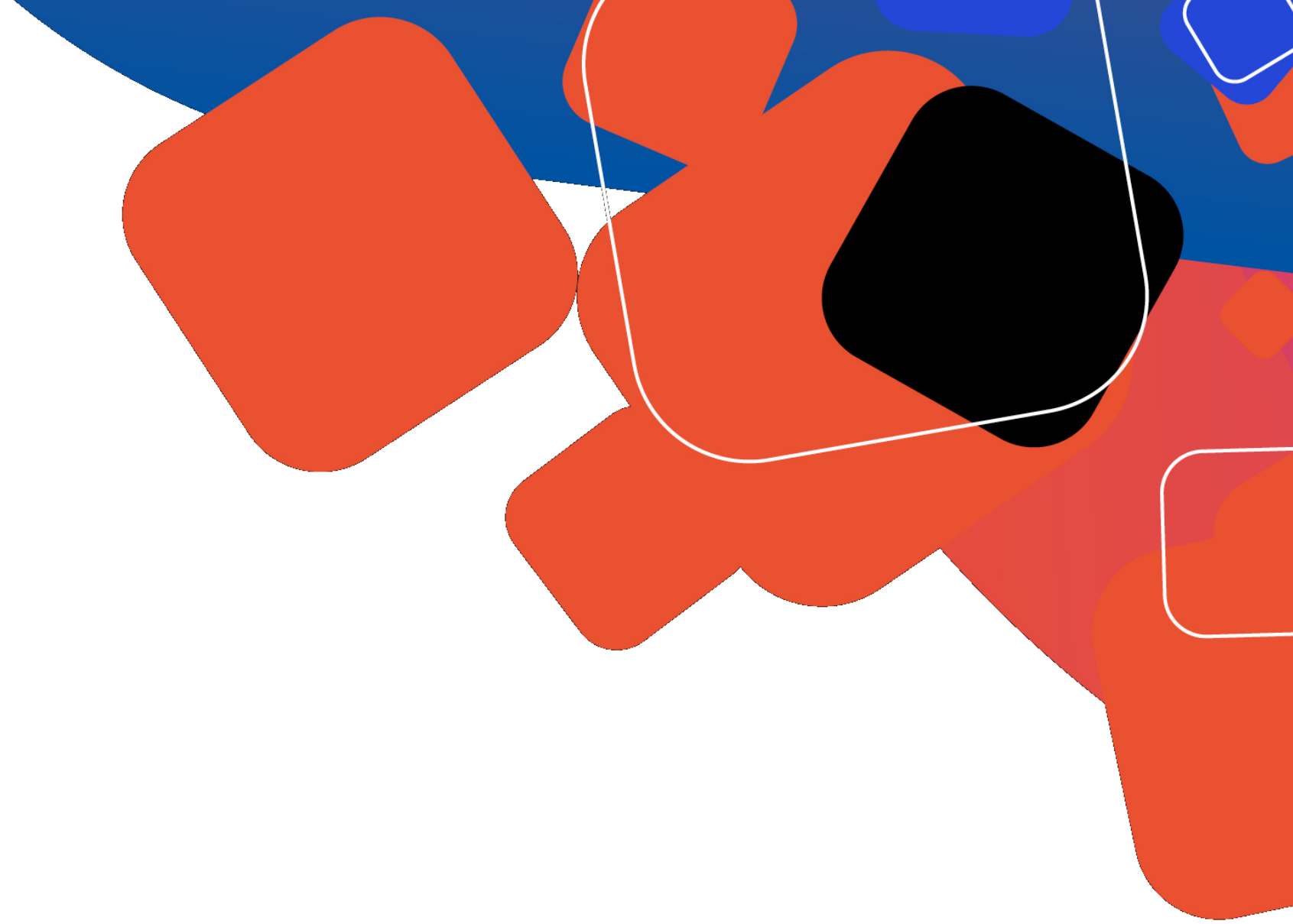


Flow feels GOOD



Flow is an innately positive experience; it is known to "produce intense feelings of enjoyment".[18]... Several studies found that flow experiences and positive affect go hand in hand,[39][92].

[https://en.wikipedia.org/wiki/Flow_\(psychology\)#Satisfaction](https://en.wikipedia.org/wiki/Flow_(psychology)#Satisfaction)



Flow leads to Satisfaction
Satisfaction leads to Productivity

SPACE

S atisfaction & well-being

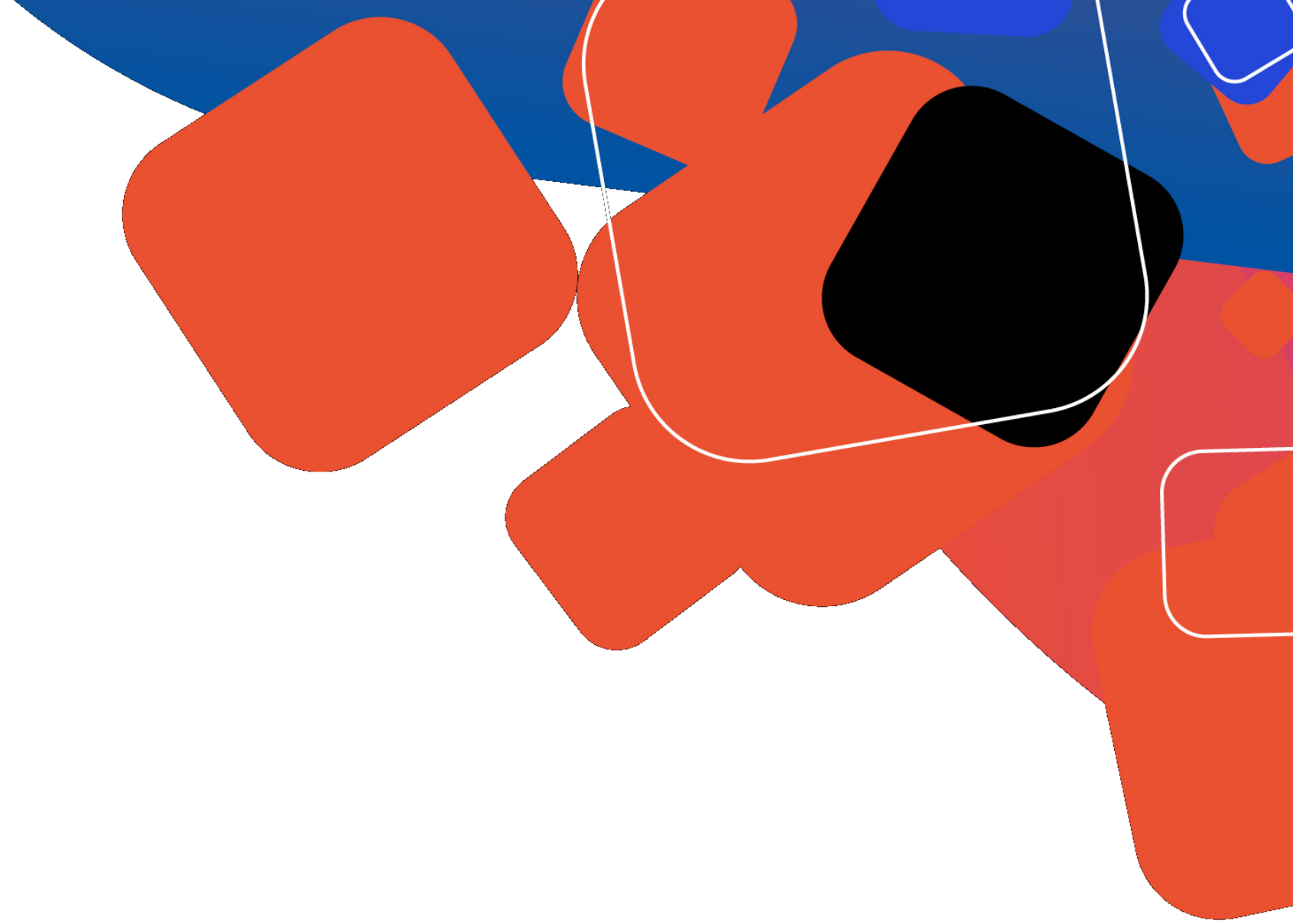
P erformance

A ctivity

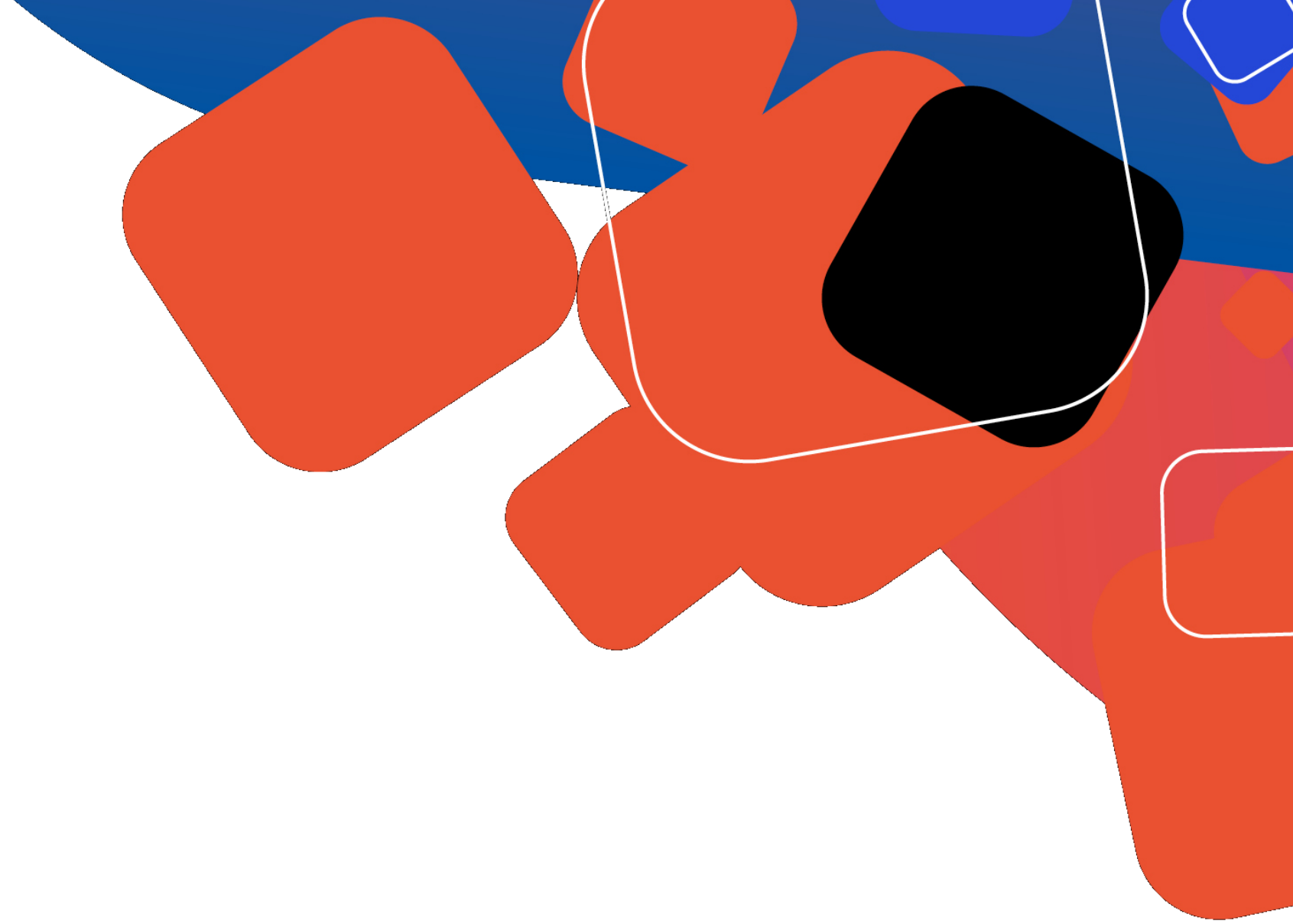
C ommunication & Collaboration

E fficiency & Flow

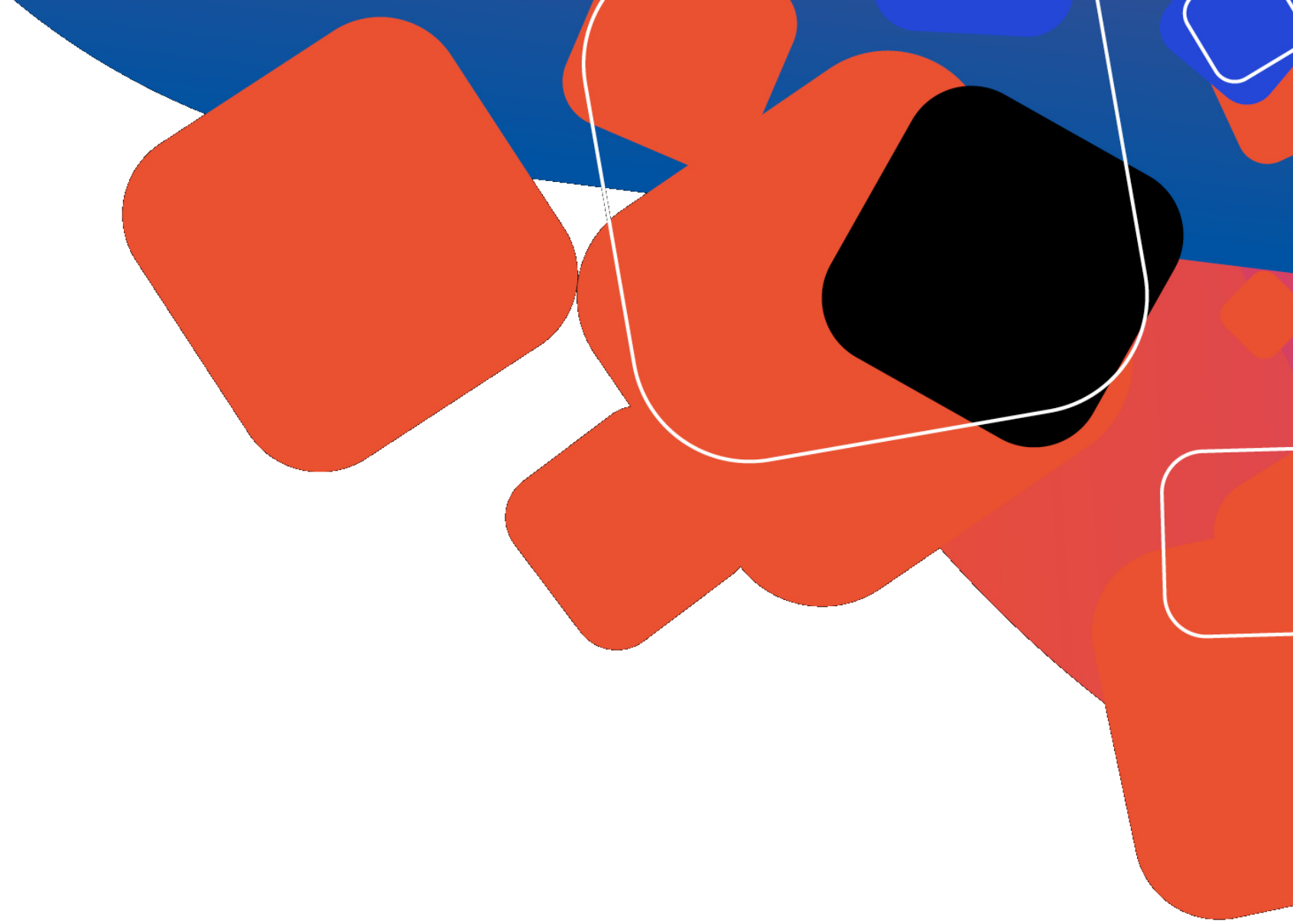




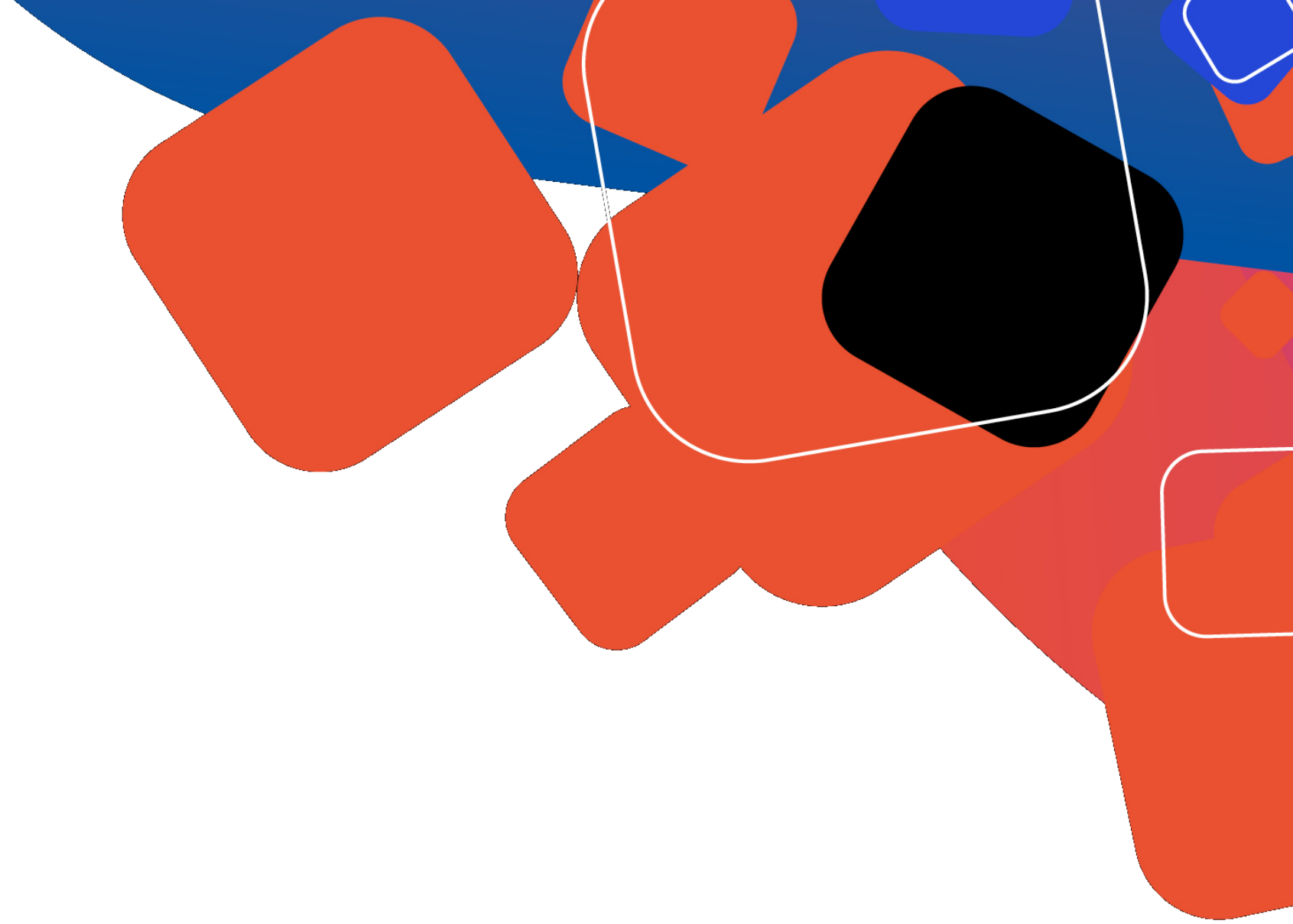
Does this enable me to be
creative and happy?



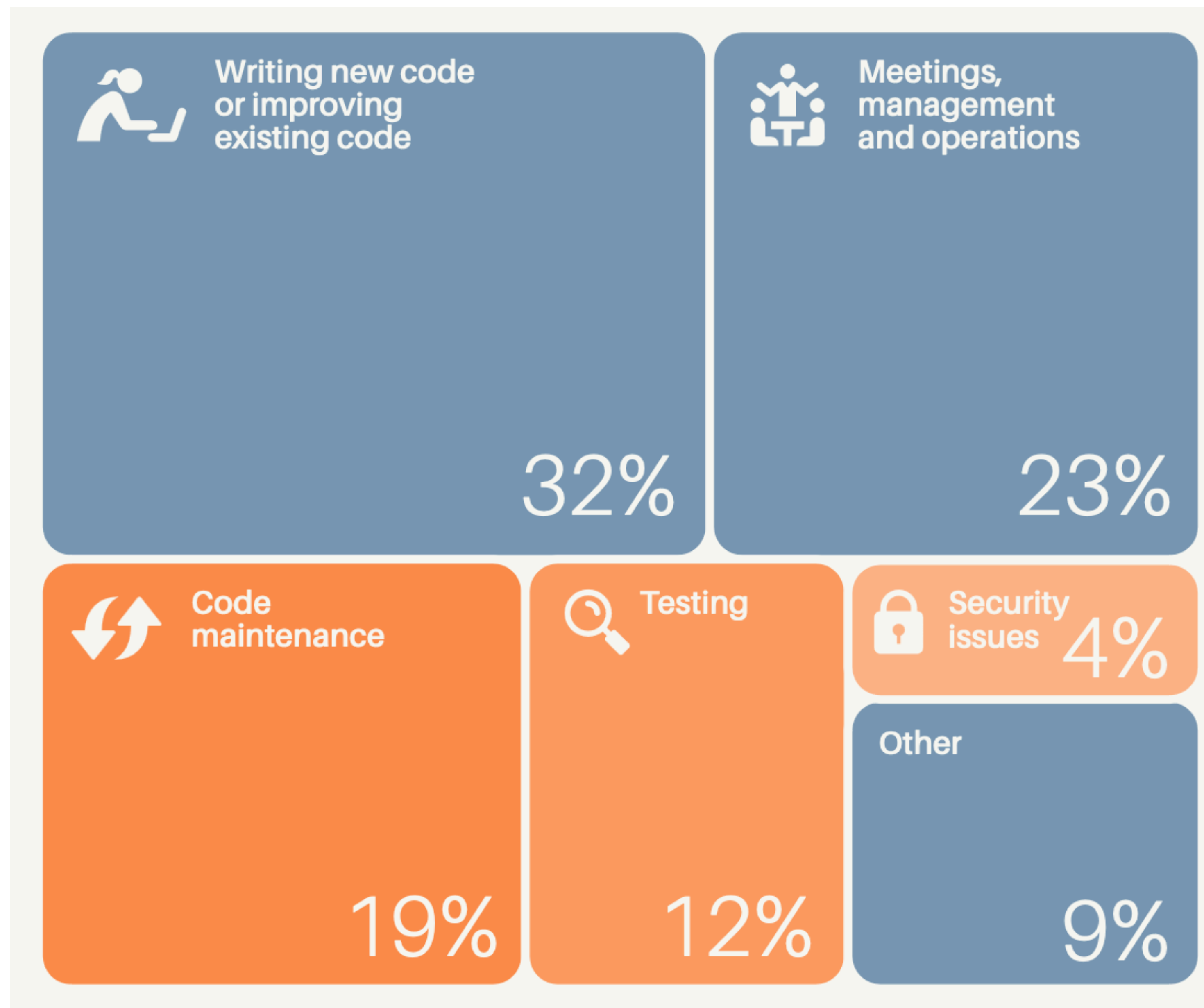
What slows me down?



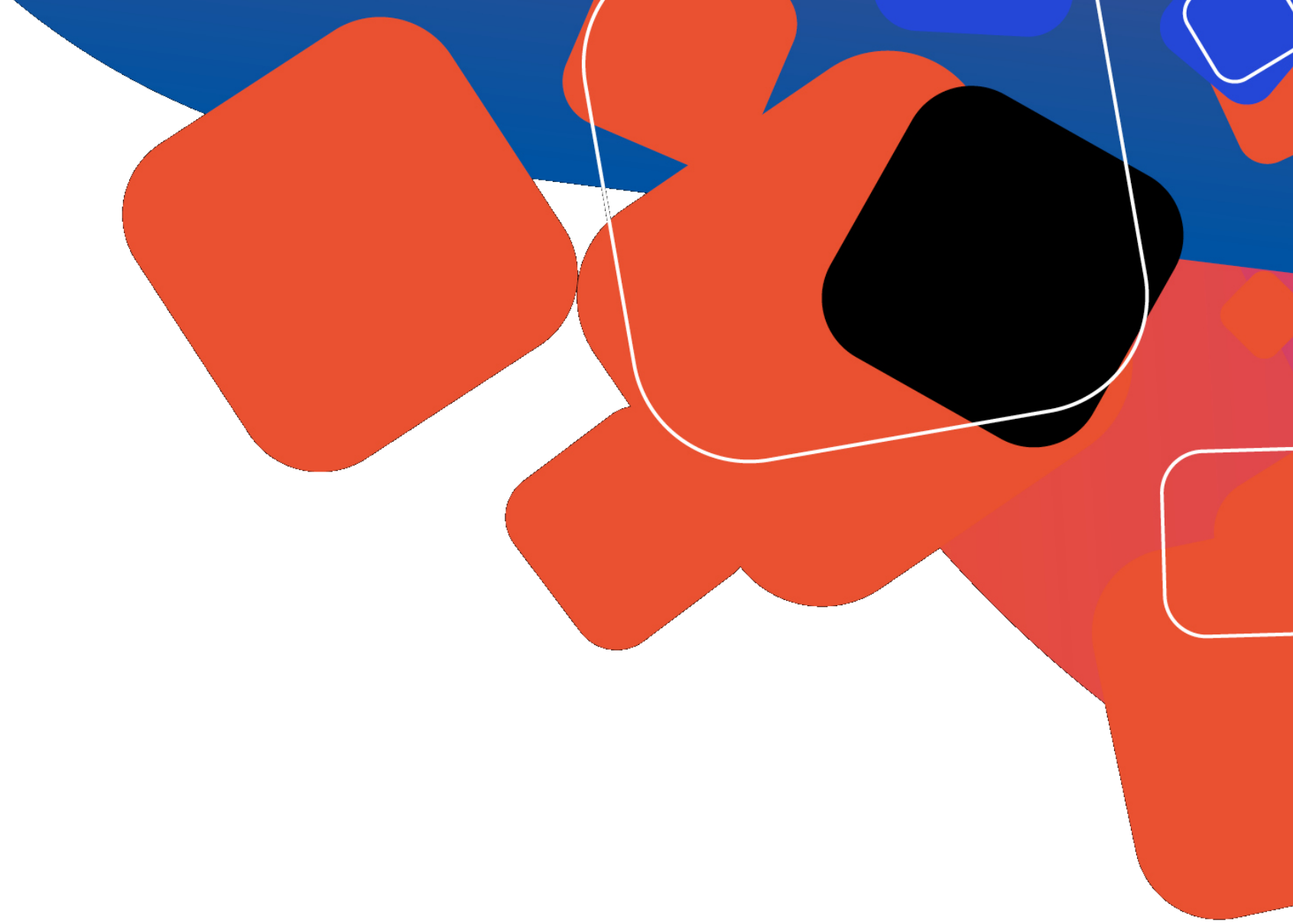
What adds friction?



What breaks my flow?



Source: The 2019 Tidelift managed open source survey results <https://bit.ly/3MOEpK3>



Productivity is an investment



bit.ly/dp-ij



Win a copy of
Getting to Know IntelliJ IDEA!



bit.ly/4dvk9XE